

FIG. 1

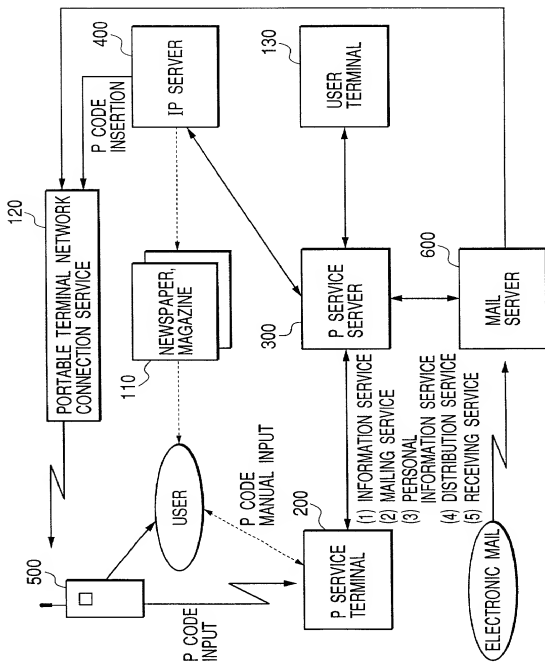


FIG. 2A

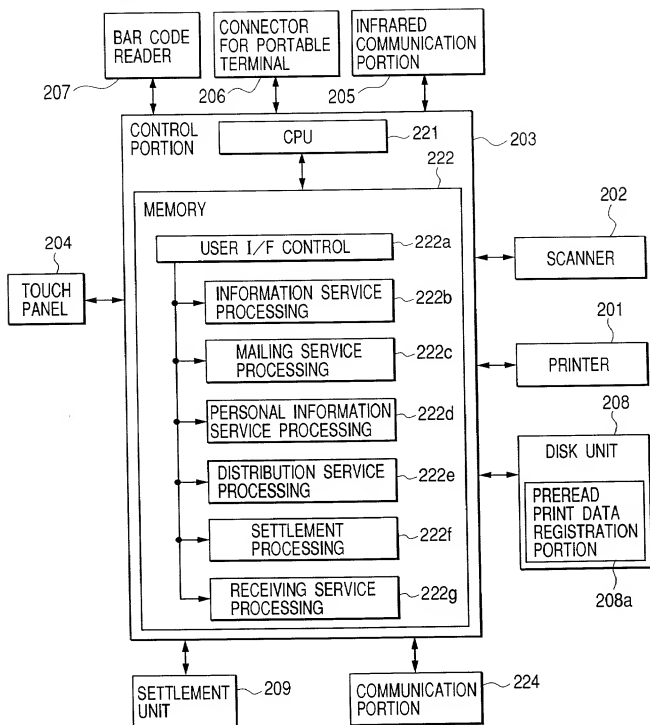


FIG. 2B

TABLE HELD BY P SERVICE TERMINAL

P-CODE	TERM OF DATA VALIDITY PRINT DATA FILE NAME PRINT STATUS DATA DELETION NOTIFICATION FLAG NOTIFICATION DESTINATION	
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FIG. 3

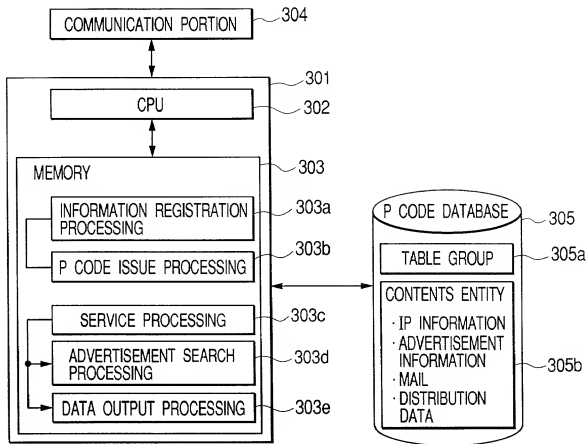


FIG. 4

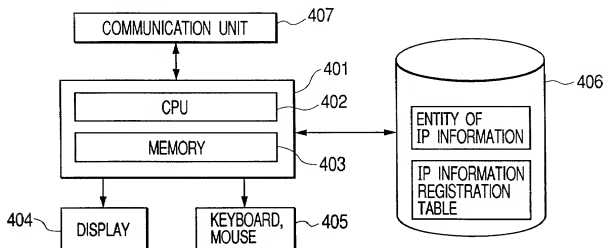


FIG. 5

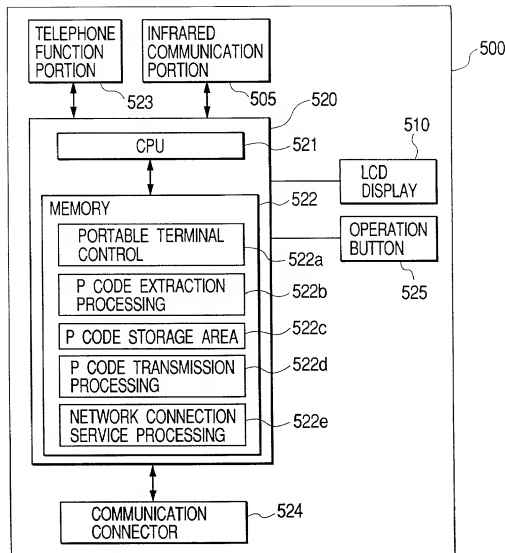


FIG. 6

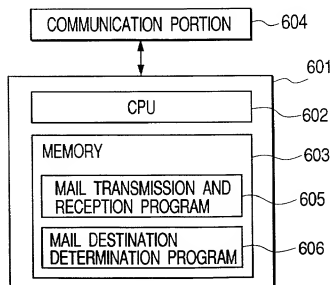


FIG. 7

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IP INFORMATION REGISTRATION TABLE		
P-CODE	IDENTIFICATION PORTION	PARENT CODE PORTION FLAG INDICATING WHETHER OR NOT SUB-CODE IS HELD SUB-CODE PORTION LINK
BASIC PROPERTY	BASIC PROPERTY	LINKED P-CODE
		OWNER ID
		TITLE
		SUBTITLE (SUMMARY)
		STATUS
		INFORMATION PRICE
		SIZE
		TERMS AND CONDITIONS FOR ADVERTISEMENT INSERTION
		CODE NUMBER (PASSWORD) FOR ACCESSING INFORMATION
		DATE OF STARTING INSERTION OF INFORMATION
		TERM OF INFORMATION VALIDITY
		TERM OF CODE VALIDITY
		MAXIMUM EXPANSION LIMIT VALUE
		MINIMUM REDUCTION LIMIT VALUE
		GENRE
		SUB-GENRE
		AREA CODE
		KEYWORD LIST
		LIST OF KEYWORD WEIGHT
		IN CASE OF INFORMATION HAVING AREA CHARACTERISTIC
	FRAME INFORMATION	P-CODE
		P-CODE LINKED TO THIS INFORMATION
		NUMBER OF FILES
	NON-LINK INFORMATION	FILE NAME (LIST FOR THE NUMBER OF FILES)
	ENTITY FILE INFORMATION	

FIG. 8

312

ADVERTISEMENT INFORMATION TABLE		
P-CODE	ADVERTISEMENT PROPERTY	OWNER ID DATE OF STARTING INSERTION OF ADVERTISEMENT TERM OF ADVERTISEMENT VALIDITY INFORMATION OF LINK TO IP INFORMATION
		CLASSIFICATION OF LINKING METHOD TARGET KEYWORD LIST LIST OF TARGET KEYWORD WEIGHT
		SIZE OF ADVERTISEMENT CROSSWISE/LENGTHWISE ADVERTISEMENT SIZE ADJUSTING METHOD SETTING OF ADVERTISEMENT INSERTING POSITION UPPER LIMIT AMOUNT ADVERTISEMENT PRICE INFORMATION (UNIT PRICE) MAXIMUM NUMBER OF PRINTING CURRENT NUMBER OF PRINTING ☆
LINK		P-CODE
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST FOR THE NUMBER OF FILES)

FIG. 9

FIG. 9A

FIG. 9A
FIG. 9B
FIG. 9C

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USER INFORMATION TABLE		
P-CODE (TELEPHONE NUMBER) OF USER	USER PROFILE	ZIP CODE
		ADDRESS
		TYPE OF SERVICE TO BE USED
		COMPANY NAME
		CATEGORY OF BUSINESS ID
		CATEGORY OF BUSINESS (IF OTHERS)
		DEPARTMENT NAME
		POST
		DUTY
		PRINT SHEET INFORMATION
		STANDARD OUTPUT INFORMATION
		NOTIFICATION SETTING
		LAYOUT PRIORITY
		SHEET SIZE
		ORIENTATION OF SHEET
		AMOUNT OF ADVERTISEMENT (USING BOTH SIDES ETC.)
		NOTIFICATION DESTINATION
		NOTIFYING STATE (UPON UPDATING,
		ADVANCE SENDING COMPLETION
		OR THE LIKE)

TO FIG. 9B

FIG. 9B

FROM FIG. 9A

BIRTHDAY	HIGHEST LEVEL OF EDUCATION ATTAINED
BLOOD TYPE	OCCUPATION ID
SEX	OCCUPATION (IF OTHERS)
	MARRIED, SINGLE
	NUMBER OF FAMILY MEMBERS
	INCOME
SAVING	FORM OF OWNERSHIP OF RESIDENCE
CAR	
DISPLACEMENT VOLUME	
CAR TYPE	
MOTORCYCLE	
PET OWNED	
PET DESIRED TO OWN	
HOBBY	
MUSIC	
MOVIES	
SPORTS WATCHED	
SPORTS PLAYED	
FISHING	
GENRE OF INTEREST (DESIRED INFORMATION) (ID LIST)	

TO FIG. 9C

FIG. 9C

FROM FIG. 9B

INDIVIDUAL INFORMATION TABLE INFORMATION FOR MAILING SERVICE	TO ANOTHER DB
	OBJECT MAIL ADDRESS
	NOTIFICATION FLAG
	SERVICE TYPE
	NUMBER OF MAILS
INFORMATION FOR DISTRIBUTION SERVICE	MAXIMUM EXPANSION LIMIT VALUE
	MINIMUM REDUCTION LIMIT VALUE
	P-CODE LIST (FOR THE NUMBER OF MAILS)
	NUMBER OF REGISTERED DATA
	P-CODE LIST (FOR THE NUMBER OF DISTRIBUTION DATA)
INFORMATION FOR PERSONAL INFORMATION SERVICE	NUMBER OF FRAME DATA
	P-CODE LIST (FOR THE NUMBER OF FRAME DATA)
	NUMBER OF REGISTERED DATA
	P-CODE LIST (FOR THE NUMBER OF REGISTERED)
	CHARGED PARTY FLAG
INFORMATION FOR RECEIVING SERVICE	PASSWORD FOR RECEIVING

FIG. 10

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P-CODE TABLE FOR MAILING SERVICE		
P-CODE (TELEPHONE NUMBER # NUMBER)	PROPERTY OF MAIL	SUBJECT SENDER DATE AND TIME OF TRANSMISSION
	NOTIFICATION INFORMATION PROPERTY	PRINT STATUS TERMINAL ID DATA DELETION NOTIFICATION FLAG
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST FOR THE NUMBER OF FILES)

FIG. 11

315

P-CODE TABLE FOR DISTRIBUTION SERVICE		
P-CODE (TELEPHONE NUMBER-NUMBER)	PROPERTY OF REGISTERED INFORMATION	TITLE** DATE OF INFORMATION REGISTRATION TERM OF INFORMATION VALIDITY CODE NUMBER (PASSWORD) FOR ACCESSING INFORMATION
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST FOR THE NUMBER OF FILES)

FIG. 12

316

P-CODE TABLE FOR RECEIVING SERVICE		
P-CODE (TELEPHONE NUMBER--NUMBER)	PROPERTY OF INFORMATION	REGISTRANT P-CODE/TELEPHONE NUMBER TITLE DATE OF INFORMATION REGISTRATION TERM OF INFORMATION VALIDITY
	NOTIFICATION INFORMATION PROPERTY	PRINT STATUS TERMINAL ID DATA DELETION NOTIFICATION FLAG
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST FOR THE NUMBER OF FILES)

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FIG. 13

P CODE TABLE FOR PERSONAL INFORMATION SERVICE			
P-CODE (TELEPHONE NUMBER # # NUMBER)	INFORMATION PROPERTY FOR PERSONAL P-CODE	TITLE DATE OF LAST PRINTING PRINT SHEET INFORMATION	LAYOUT PRIORITY SHEET SIZE ORIENTATION OF SHEET AMOUNT OF ADVERTISEMENT (USING BACK SIDE ETC.)
	REGISTERED P-CODE INFORMATION	NUMBER OF REGISTERED P-CODES P-CODE LIST (INDICATING FRAME)	

FIG. 14

PERSONAL INFORMATION TABLE	
USER-ID	FAMILY NAME IN JAPANESE PHONETIC SYLLABARY FIRST NAME IN JAPANESE PHONETIC SYLLABARY FAMILY NAME FIRST NAME MIDDLE NAME ZIP CODE ADDRESS TELEPHONE NUMBER FAX NUMBER CELLULAR PHONE NUMBER E-MAIL ADDRESS CODE NUMBER COMPANY NAME CATEGORY OF BUSINESS ID CATEGORY OF BUSINESS (IF OTHERS) DEPARTMENT NAME POST DUTY COMPANY ZIP CODE COMPANY ADDRESS COMPANY TELEPHONE NUMBER COMPANY FAX NUMBER CHARGED PARTY INFORMATION
	CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER TERM OF CARD VALIDITY
	INFORMATION ON USED DISK AREA CHARGE RECORD

319

OWNER INFORMATION TABLE		SAME AS PERSONAL INFORMATION TABLE	
USER-ID		COMPANY NAME/NAME	
		COMPANY ZIP CODE	
		COMPANY ADDRESS	
		COMPANY TELEPHONE NUMBER	
		COMPANY FAX NUMBER	
		E-MAIL ADDRESS OF PERSON IN CHARGE	
		CODE NUMBER	
		CATEGORY OF BUSINESS ID	
		CATEGORY OF BUSINESS (IF OTHERS)	
		DEPARTMENT NAME	
		CHARGED PARTY INFORMATION	
		INFORMATION ON USED DISK AREA	
		CHARGE RECORD	
		DEBITING BANK ACCOUNT	
		DEBITING BANK ACCOUNT	
		TERM OF CONTRACT	

FIG. 15

320

TERMINAL INFORMATION TABLE	
TERMINAL ID	OWNER ID
	TERMINAL FORMAT
	AREA INFORMATION
	TERMINAL VERSION
	TERMINAL SOFTWARE VERSION
	TERMINAL INPUT APPARATUS INFORMATION
	TERMINAL STORAGE APPARATUS CAPACITY
	TERMINAL OUTPUT APPARATUS INFORMATION
	LANGUAGE
	PRINT CAPABILITY
	TERMINAL STATE INFORMATION
	PRINT SPOOL STATE
	PRINT APPARATUS
	AVAILABILITY INFORMATION
	P-CODE CACHE STATUS

FIG. 16

FIG. 17A

FIG. 17

FIG. 17A	FIG. 17B	FIG. 17C
----------	----------	----------

BIT	CONTENTS OF P-CODE		
1	0: P-CODE FOR IP (BIT REPRESENTING WHETHER OR NOT P-CODE IS TELEPHONE CODE)		
2	VERSION BIT (7 BITS)		
3			
8			
9	COUNTRY NUMBER IDENTIFICATION BIT (8 BITS) (USER DOES NOT INPUT USUALLY)		
16	0: P. SERVICE SERVER 1: IP SERVER		
17			
18	BIT FOR INFORMATION ID (38 BITS)	IP SIZE DETERMINATION BIT (3 BITS) (=1: EXTREMELY SMALL SIZE, =2: SMALL SIZE, =3: MEDIUM SIZE, =4: LARGE SIZE, =5: EXTREMELY LARGE SIZE)	
19			
20			
21			
28	SITE IDENTIFICATION BIT (24 BITS) (IN CASE OF EXTREMELY SMALL SIZE IP) THE NUMBER OF REGISTRABLE IP IS 16 MILLION COMPANIES	SITE IDENTIFICATION BIT (20 BITS) (IN CASE OF SMALL SIZE IP) THE NUMBER OF REGISTRABLE IP IS 1,048,575 COMPANIES	
29			
32			
33			
36			
37			
40			
41			
44		BIT FOR INDIVIDUAL INFORMATION ID (15 BITS) EACH IP IS MAXIMUM APPROXIMATELY 32,767	
45			
55	BIT FOR INDIVIDUAL INFORMATION ID (11 BITS) EACH IP IS MAXIMUM APPROXIMATELY 2,047		
56			
57	SUFFIX (9 BITS) MAXIMUM 512		
58			
59			
60			
61			
62			
63			
64			

TO
FIG. 17B

09921952 080301
T00080 25612660

FIG. 17B

FROM
FIG. 17A

SITE IDENTIFICATION
BIT (16 BITS) (IN CASE
OF MEDIUM SIZE IP)
THE NUMBER OF
REGISTRABLE IP IS
65,535 COMPANIES

SITE IDENTIFICATION
BIT (12 BITS) (IN CASE
OF LARGE SIZE IP)
THE NUMBER OF
REGISTRABLE IP IS
2,047 COMPANIES

SITE IDENTIFICATION
BIT (8 BITS) (IN CASE
OF EXTREMELY
LARGE SIZE IP AND
CANDI SERVER)
THE MAXIMUM NUMBER
OF REGISTRABLE IP IS
255 COMPANIES

BIT FOR INDIVIDUAL
INFORMATION
ID (19 BITS) EACH IP
IS MAXIMUM
APPROXIMATELY 500
THOUSAND

BIT FOR INDIVIDUAL
INFORMATION
ID (23 BITS) EACH IP
IS MAXIMUM
APPROXIMATELY
8 MILLION

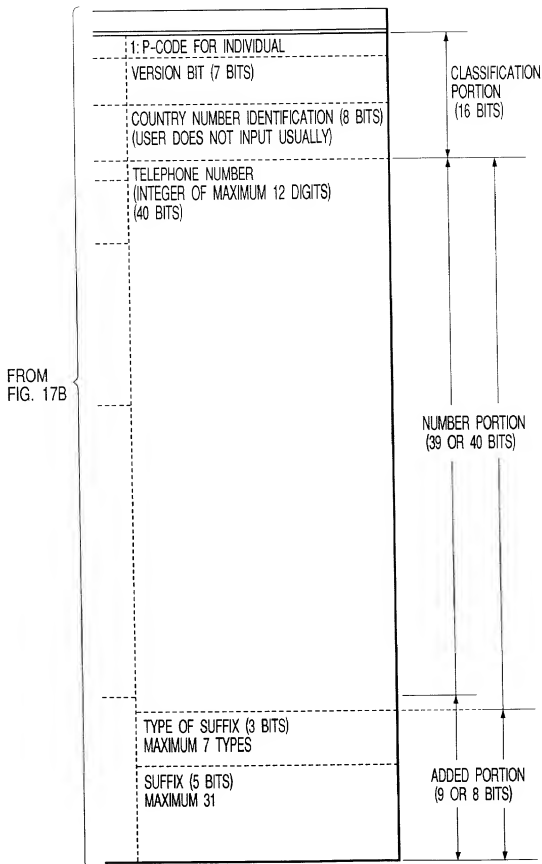
BIT FOR INDIVIDUAL
INFORMATION
ID (27 BITS) EACH IP
IS MAXIMUM
APPROXIMATELY
130 MILLION

SUFFIX (9 BITS) MAXIMUM 512

TO
FIG. 17C

09921952.080301

FIG. 17C



09821952.080301

FIG. 18

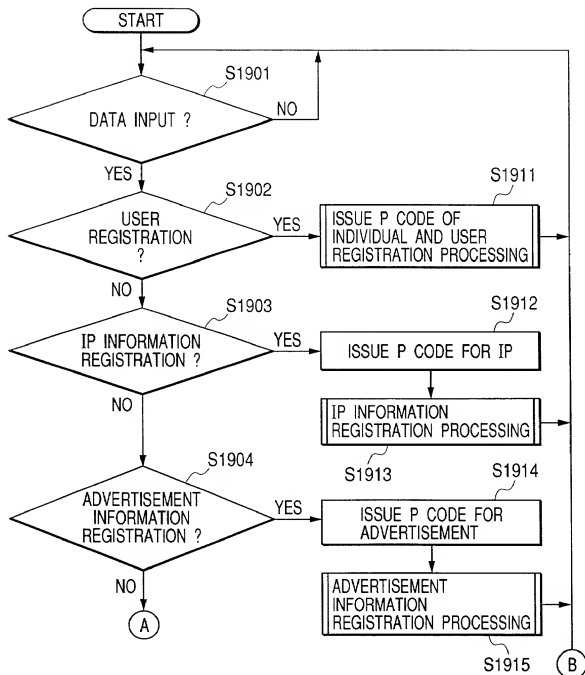


FIG. 19

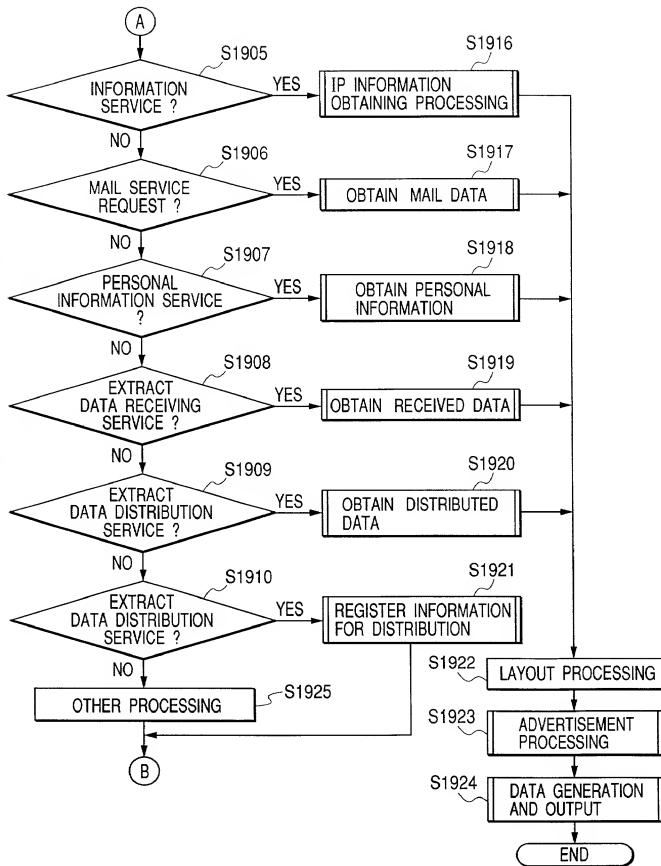


FIG. 20

09921952-080301

OBJECT MAIL ADDRESS: abc@canon.ne.jp

PASSWORD: ****

☐ PRINT IMAGE WHEN MAIL HAS ATTACHED IMAGE

☐ PRINT WORDPROCESSOR DOCUMENT IF ATTACHED IN MAIL

☐ PRINT MAIL SENTENCE THAT CANNOT BE FULLY DISPLAYED ON MAIL TERMINAL

☐ NOTIFY THAT MAIL TO BE PRINTED HAS ARRIVED

OK CANCEL

FIG. 21

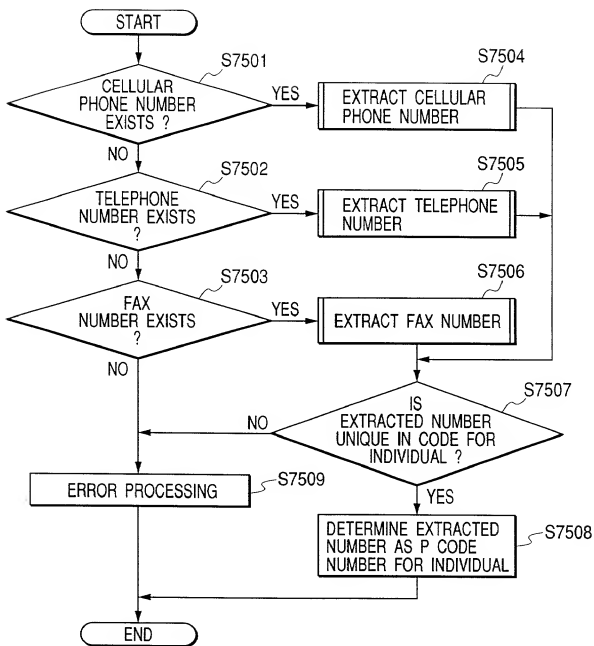


FIG. 22

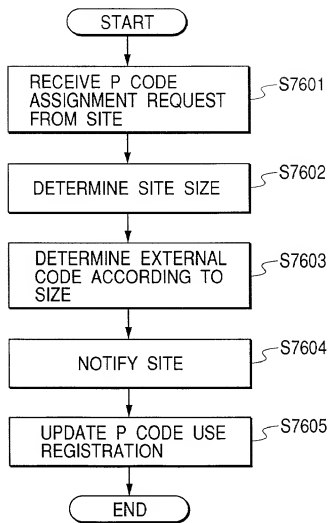


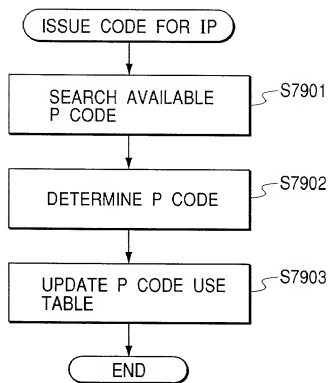
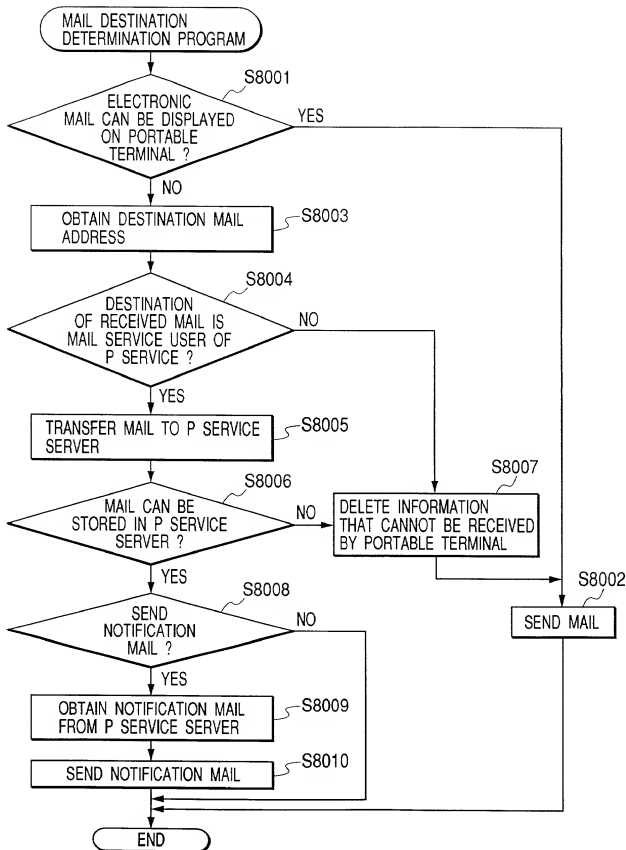
FIG. 23

FIG. 24



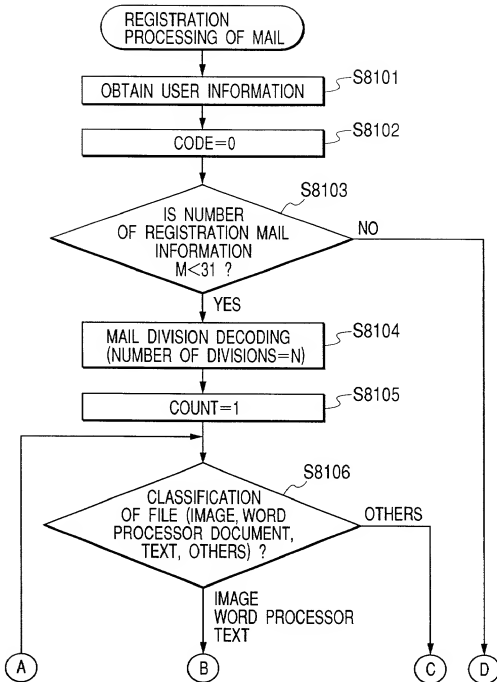
09921952.080301

FIG. 25

FIG. 25A

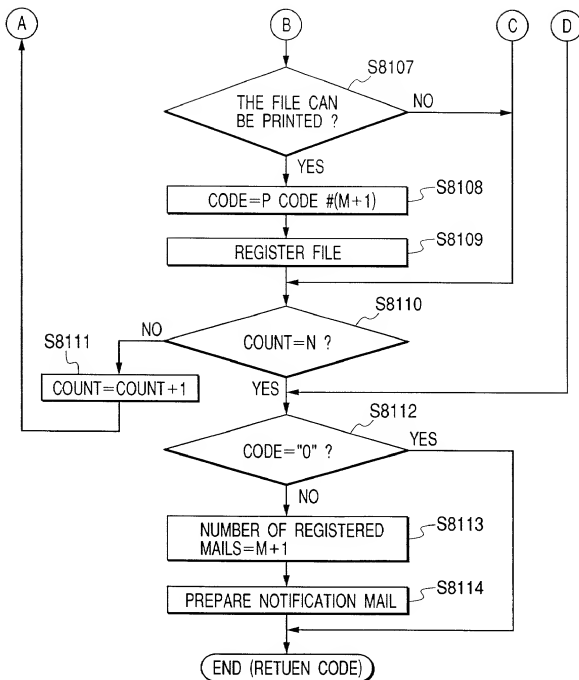
FIG. 25B

FIG. 25A



09921957 080301

FIG. 25B



09921952.080301

FIG. 26

MAIL NOTIFICATION SERVICE
NOTIFICATION MAIL SCREEN

SENDER: P-CODE NOTIFICATION SERVICE

TITLE: RECEIPT NOTIFICATION (MAIL STORED)

FOLLOWING MAIL HAS BEEN STORED

BOX NO : 09012345678#2

ORIGINAL SENDER XXX@Canon.co.jp

SUBJECT: SENDING MINUTES

ATTACHED IS MINUTES OF LAST WEEK'S
MEETING. PLEASE CONFIRM CONTENTS.
XXX

DESIGNATION OF PRINT
DESTINATION TERMINAL

SELECT RETURN

9001 9002 9003 9004 9005

09921952 080301
100080 25612660

FIG. 27

PRINT DESTINATION TERMINAL
DESIGNATION SCREEN

09921952 080301
100080 25612660

----- DESIGNATE PRINT -----
DESTINATION

BOX NO :09012345678#2

SEARCH BY TELEPHONE NUMBER OF SHOP 8302a

SEARCH BY ADDRESS 8302b

SEARCH BY MAP 8302c

SEARCH BY NEAREST STATION/ROAD CROSSING 8302d

SEARCH BY PRESENT POSITION 8302e

8301

8203 SELECT 8204 RETURN

FIG. 28

9501

P-CODE SERVICE

PLEASE SELECT METHOD OF INPUTTING P-CODE

INPUT BY TOUCH PANEL 9502

INPUT FROM CELLULAR PHONE 9503

HANDY SCANNER INPUT 9504

PLEASE PRESS HERE FOR TRANSMISSION OF DATA 9505

FIG. 29

10301

MAIL BOX HAS FOLLOWING MAILS

10302 PRINT ALL 10303 DISPLAY PREVIOUS LIST 10304 DISPLAY NEXT LIST

SURFIX	SUBJECT (CONTENTS)	FROM (SENDER)	NUMBER OF PAGES	PRINT		
#1	NEW YEAR PARTY	takaha@ces.canon	1	COLOR	BLACK AND WHITE	NOT PRINT
#2	SENDING DB EXAMINATION MEETING MINUTES	itoh@oci.dumnt	2	COLOR	BLACK AND WHITE	NOT PRINT
#3	RE: DO YOU KNOW ?	nishida@ykk.com	1	COLOR	BLACK AND WHITE	NOT PRINT

10305a 10305b 10305c

NUMBER OF SELECTED MAILS IS TWO NUMBER OF PRINT PAGES IS THREE 10306

10307 PRINT PREVIEW 10308 SET OPTION 10309 PRINT 10310 RETURN 10311 CANCEL

09921952 080301

FIG. 30

10401

MAIL PRINT OPTION

YOU CAN SELECT FOLLOWING OPTIONS

CONTINUOUSLY PRINT MAELS ON
SAME SHEET

PRINT

NOT PRINT

PRINT IN AS SMALL LETTER SIZE AS
POSSIBLE AND CLOSELY

PRINT

NOT PRINT

10402

10403

APPROVE

10404

CANCEL

FIG. 31

12301

P-CODE SERVICE

PAY IN CASH

12302

DEBIT CARD

12305

CREDIT CARD

12303

PREPAID CARD

12306

ON-LINE SETTLEMENT

12304

12307

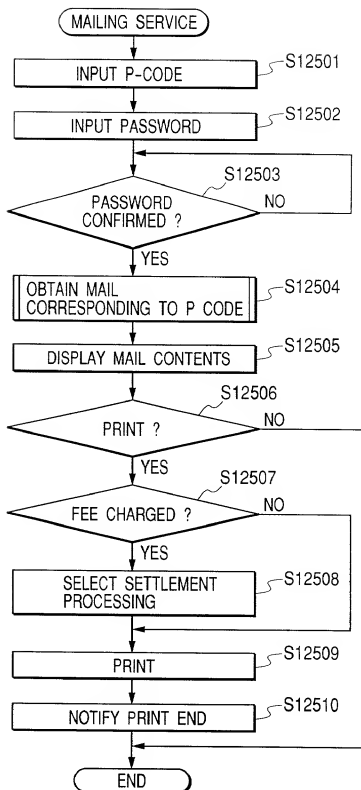
RETURN

12308

CANCEL

CHARGE IS 240 YEN

FIG. 32



09921952.080301

FIG. 33

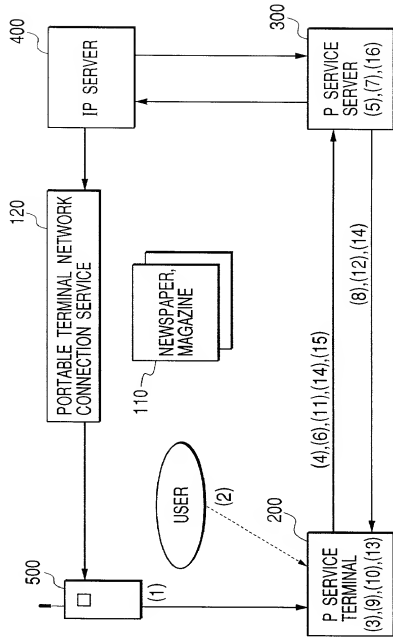


FIG. 34

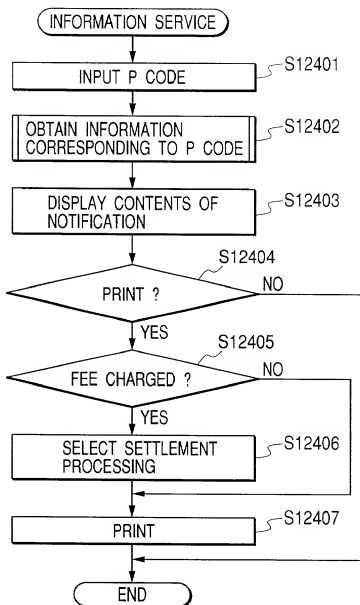


FIG. 35

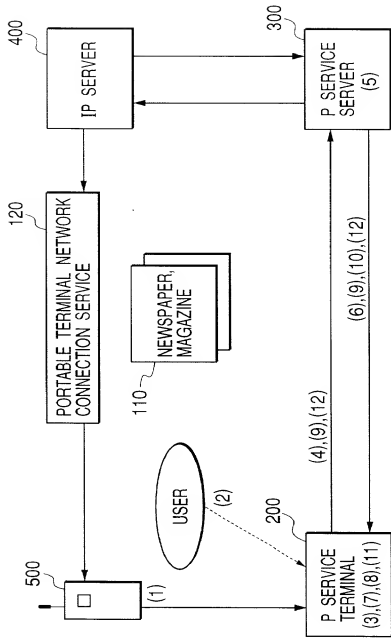


FIG. 36

